

State of Hawaii  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Division of Aquatic Resources  
Honolulu, Hawaii 96813

September 26, 2008

Board of Land  
and Natural Resources  
Honolulu, Hawaii


Request for Approval of a Special Activity Permit for Dr. Guanyi Wang of  
The University of Hawaii, Department of Oceanography, and Designated Assistants

The applicant proposes to conduct activities relating to research on Hawaiian sponges and algae from the waters of the State to study their associated microbial communities. Sponges are known to have various chemical properties. Recent studies indicate that these chemicals may be actually produced by the microbes associated with specific species of sponges. These microbe communities change in response to anthropogenic disturbances and may be an indicator of levels of impacts of human activities on marine environments. These communities may also produce compounds that may be beneficial in the treatment of human health. This permit represents Dr. Wang's continuing work over the past several years on this project. The Division of Aquatic Resources has reviewed this application and supports the efforts of Dr. Wang on his studies of Hawaiian sponges and algae.

RECOMMENDATION:

"That the Board authorize and approve, with stated conditions, this Special Activity Permit for Dr. Guanyi Wang, University of Hawaii, Department of Oceanography."

Respectfully submitted,



DAN POLHEMUS  
Administrator

APPROVED FOR SUBMITTAL:



LAURA H. THIELEN  
Chairperson

State of Hawaii  
Department of Land & Natural Resources  
DIVISION OF AQUATIC RESOURCES  
1151 Punchbowl Street, Room 330  
Honolulu, Hawaii 96813

SPECIAL  
ACTIVITY PERMIT NO. SAP 2009-18  
  
Date of Issue:  
  
Expires one year from date issued

SPECIAL ACTIVITY PERMIT

The Board of Land and Natural Resources hereby grants permission for certain collection of organisms belonging to the people of Hawaii, under Section 187A-6, Hawaii Revised Statutes, and other applicable laws.

The permittee is

Name:	Dr. Guangyi Wang	Address:	Department of Oceanography
Title:	Collector		1680 East-West Road, Post 109
Affiliation:	University of Hawaii		Honolulu, Hawaii 96822
			Phone: 956-3744

This permit is issued under the attached conditions, for the purpose of collecting samples of various species of sponges and several species of marine algae, including holdfasts, in the waters of the State of Hawaii.

This permit authorizes the permittee (and any assistants designated on the final page(s) of the permit) to

<input type="checkbox"/>	TAKE	POSSESS	TRANSPORT	CATCH	KILL
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aquatic life from the waters of the State as follows:

Common Name	Scientific Name	Maximum No. of Specimens	Collecting Location
Orange Sponge	<u>Mycale armata</u>	20 ea.	State waters, except as prohibited in Special Conditions section, page 3 of this permit.
Lobate Sponge	<u>Suberites zeteki</u>	20 ea.	
Red-Brown Branching Sponge	<u>Zygomycole parishii</u>	20 ea.	
Grey Encrusting Sponge	<u>Gelliodes fibrosa</u>	20 ea.	
Blue Caribbean Sponge	<u>Sigmatocia caerulea</u>	20 ea.	
Sponge	<u>Spongia oceania</u>	20 ea.	
Marine Algae	Various	as required	

I. GENERAL CONDITIONS:

A. This permit does not make the Board of Land and Natural Resources or the State of Hawaii liable in any way for any claim of personal injury or property damage to the permittee or assistants which may occur during collection activity authorized by this permit; moreover, the permittee and all assistants agree to hold the State harmless against any and all claims of personal injury, death or property damage resulting from activities of the permittee or any assistant.

B. This permit conveys a privilege to engage in only those activities under the jurisdiction of the Division of Aquatic Resources. The permittee is responsible for complying with all applicable County, State, and Federal requirements. The permit does not convey any privilege of access over or through private property.

C. The permittee and each assistant are individually responsible and accountable for their actions while conducting activities authorized under this permit; additionally, the permittee is responsible and accountable for the actions of the permittee's assistants.

D. This permit is not transferable or assignable. Any person whose name does not appear on this permit and is conducting any activity described herein is subject to prosecution for violation of State laws.

E. The permittee may request changes to the permit. Any such request to make changes to the permit must be made in writing and received by the DAR at least two weeks prior to the change. All personnel changes will require each individual to sign an "Attachment" stating that they have read, understood, and agree to abide by all general and special permit conditions. No change may be implemented without written approval from the Department/DAR.

F. The permittee may request to:

1. Add assistants to the permit by having each assistant sign an "Attachment" and send the document to DAR;
2. Add another permittee or be replaced by another permittee in the manner stated above; and
3. Change the activities allowed under this permit.

G. A copy of this permit must be carried by the permittee or assistant while performing collecting activities authorized by this permit.

H. This permit authorizes collection of organisms protected by Federal law only with prior appropriate Federal authority, which must be described on Page 1 of this permit (if applicable).

I. The permit is not to be used for nor does it authorize the sale of collected organisms

J. This permit expires on the date indicated on Page 1. Within one month of the expiration date, the permittee must return this permit to the Division of Aquatic Resources with complete information on all collecting done under this permit, on the Activity Report form provided as part of this permit.

K. The permittee and assistants agree to provide access to data obtained under authority of this permit upon request of the Division of Aquatic Resources, and to provide to the Division a copy of each report, published for distribution, prepared with data obtained under this permit. The permittee agrees to provide the Division of Aquatic Resources access to organisms obtained and held under this permit for on-site inspection.

L. A violation of any terms or condition of this permit or any violation of State law not covered by this permit may result in revocation of the permit. The permittee may consider any such violation as grounds for denying any future permit applications.

M. The permittee will notify the Division of Aquatic Resources prior to the release and/or transfer of any organisms collected under the permit. The permittee will not release any organisms collected under this permit nor any organisms raised in a propagation facility under the authority of this permit, without the Division of Aquatic Resources' written approval.

## II. SPECIAL CONDITIONS

1. This permit authorizes the collection by hand or a dive knife, various species of sponges, fungi, algae and associated live rock in the waters of the State except at the following Marine Life Conservation Districts (MLCDs), Shoreline Fisheries Management Areas (SFMAs), Marine Life Refuge (MLRs), Public Fishing Areas (PFAs), Natural Area Reserves (NARs), Fishery Management Areas (FMAs) and other prohibited locations or areas that may be designated as such during the effective period of this permit. Living coral must not be damaged or disturbed.

## ----OAHU-----

Hanauma Bay MLCD  
 Pupukea MLCD  
 Waikiki MLCD  
 Coconut Island MLR  
 Heeia Kea Wharf FMA  
 Waialua Bay FMA  
 Pokai Bay FMA  
 Honolulu Harbor FMA  
 Ala Wai Canal FMA  
 Kapalama Canal FMA  
 Wahiawa PFA  
 Diamond Head SFMA  
 Nuuanu Freshwater  
     Fish Refuge  
 Haleiwa Harbor FMA  
 Paiko Lagoon Wildlife  
     Refuge  
 Ewa Beach Management Area

## ----HAWAII----

Kailua Bay FMA  
 Waiakea PFA  
 Wailea Bay MLCD  
 Lapakahi Bay MLCD  
 Kealahou Bay MLCD  
 Hilo Bay FMA  
 Wailoa River FMA  
 Wailuku River FMA  
 Puako Bay & Reef FMA  
 Kawaihae Harbor FMA  
 Old Kona Airport MLCD  
 Kiholo Bay FMA  
 West Hawaii Regional FMA  
 Waipae Tidepools MLCD

## ----LANAI----

Manele-Hulopoe MLCD  
 Manele Harbor FMA

## ----MAUI-----

Kahului Harbor FMA  
 Honolulu-Mokuleia Bay MLCD  
 Molokini Shoal MLCD  
 Ahihi-Kinau NAR

## ----KAUAI-----

Waimea Recreation Pier &  
 Waimea Bay FMA  
 Kapaa Canal FMA  
 Waikanae Canal FMA  
 Kokee PFA  
 Ahukini Recreational  
     Pier FMA

## ----MOLOKAI----

Kauanakakai Harbor FMA

Discretion should be used to avoid conflict with fishermen or others during collecting activities at any location.

2. The use of any chemical substance is expressly prohibited under this permit. The primary permittee and designated assistants, however, may have in possession a reasonable amount of preservatives such as formalin or alcohol for preserving the specimens collected.
3. The primary permittee and designated assistants are required to obtain permission before entering upon lands or waters not under the jurisdiction of the Division of Aquatic Resources (see "C", General Conditions, page 2 of this permit).
4. This permit does not by implication authorize the primary permittee or any designated assistant to engage in any other activity if in violation of any other State, Federal or County law, regulation or ordinance.

2009-28 State Conditions - cont.

5. The primary permittee or a designated assistant responsible for the field collecting activity shall notify the Division of Conservation and Resources Enforcement at least 48 hours in advance of any field collecting activity and provide such information as: location; date; time; and number of persons to be involved.  
Telephone - Honolulu 587-0077; Hawaii 974-6208; Maui 984-8110; Kauai 274-3521; or Molokai 567-6618.

cc: (x) DOCARE  
(x) Special Agent in Charge,  
USFWS, Honolulu  
(x) DAR - Maui  
(x) DAR - Hilo

LAURA H. THIELEN, Chairperson  
Board of Land and Natural Resources

SPECIAL  
ACTIVITY Permit No. 2009-18

## REPORT OF COLLECTING AND OTHER ACTIVITIES

Results of all activities performed under authority of this permit must be reported on this form (or copies) within one month after the permit expires (see first page). Use as many sheets as you need. Submit the report to the Division of Aquatic Resources at 1151 Punchbowl Street, Room 330, Honolulu, HI 96813.

Date	Location	Common or Scientific Name	Quantity Collected*	Disposition of Specimens
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\_\_\_\_\_  
Signature of Permittee

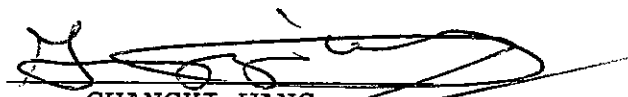
Date \_\_\_\_\_

\*If salvaged (collected because the specimen was dead or injured already), please detail circumstances: condition (dead, or describe extent of injury), how or from whom the specimen was obtained.

SIGNATURE AND ACKNOWLEDGEMENT

By my signature below, I attest that I understand the general conditions (Items A through M on Page 2 & 3) and any special conditions (Nos. 1-2-3-4-5 on page 4) to Special Activity Permit No. 2009-18. Further, I agree to abide by all of these conditions when collecting under authority of this permit.

PRINCIPAL PERMITTEE:

  
GUANGYI WANG

DESIGNATED ASSISTANTS:

Signature: 

Print Name: Seohyoung Kim

Signature: 

Print Name: Xin Wang

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: 

Print Name: Shoko Kono

Signature: 

Print Name: Juanita Mathews

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

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